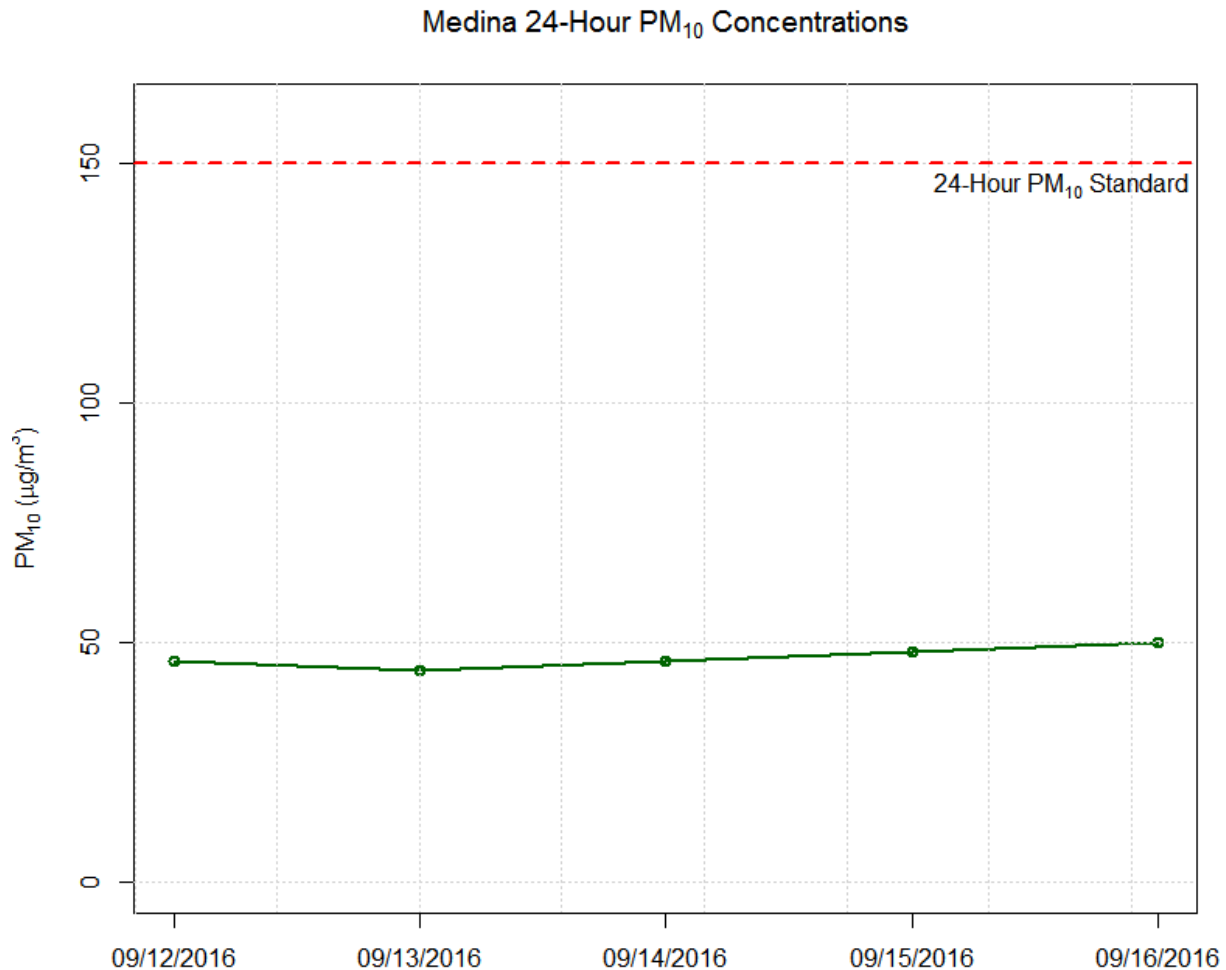


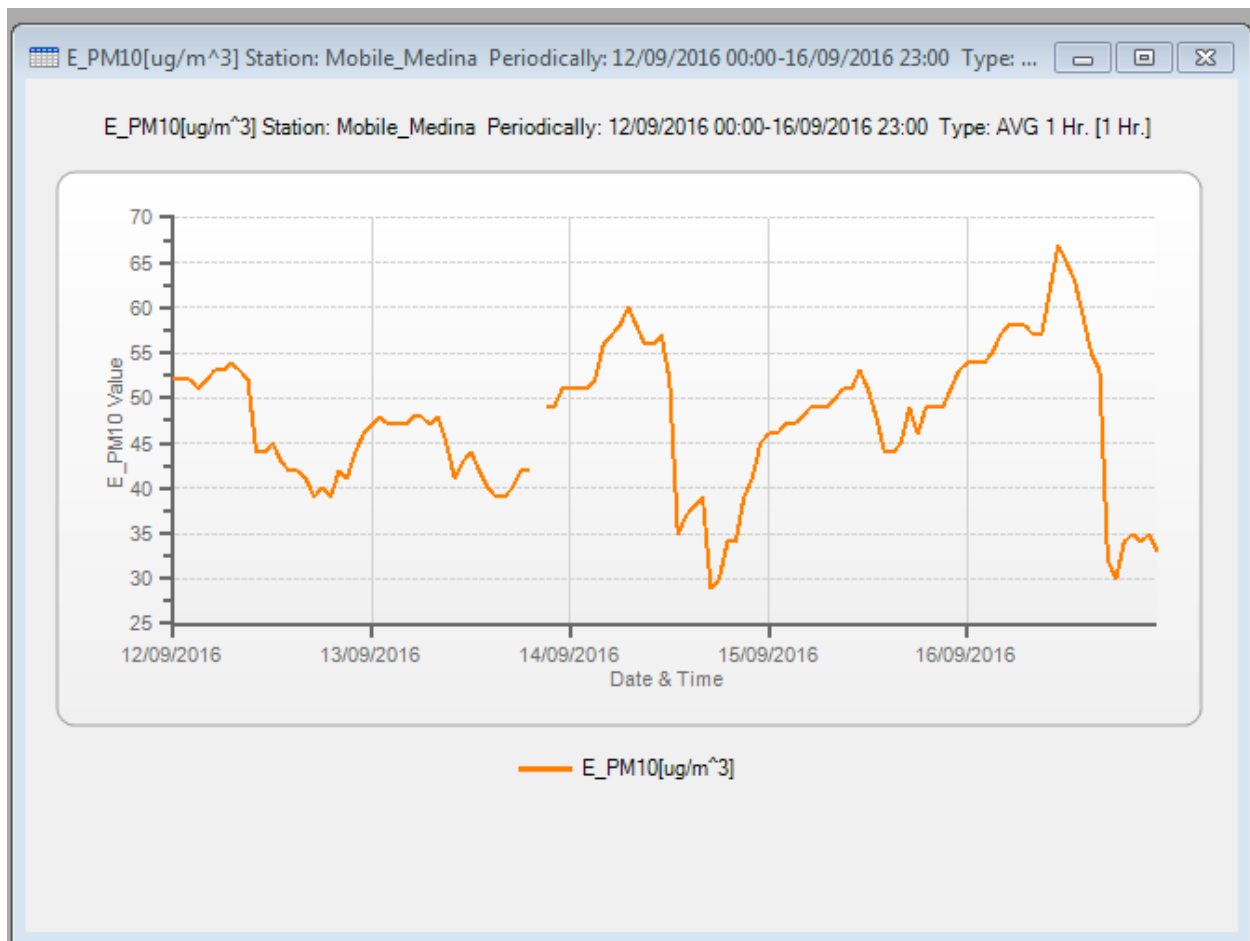
## SR 520 Bridge Replacement and HOV Program

### Bridge Decommissioning PM<sub>10</sub> Monitoring Report for September 12-16, 2016<sup>1</sup>

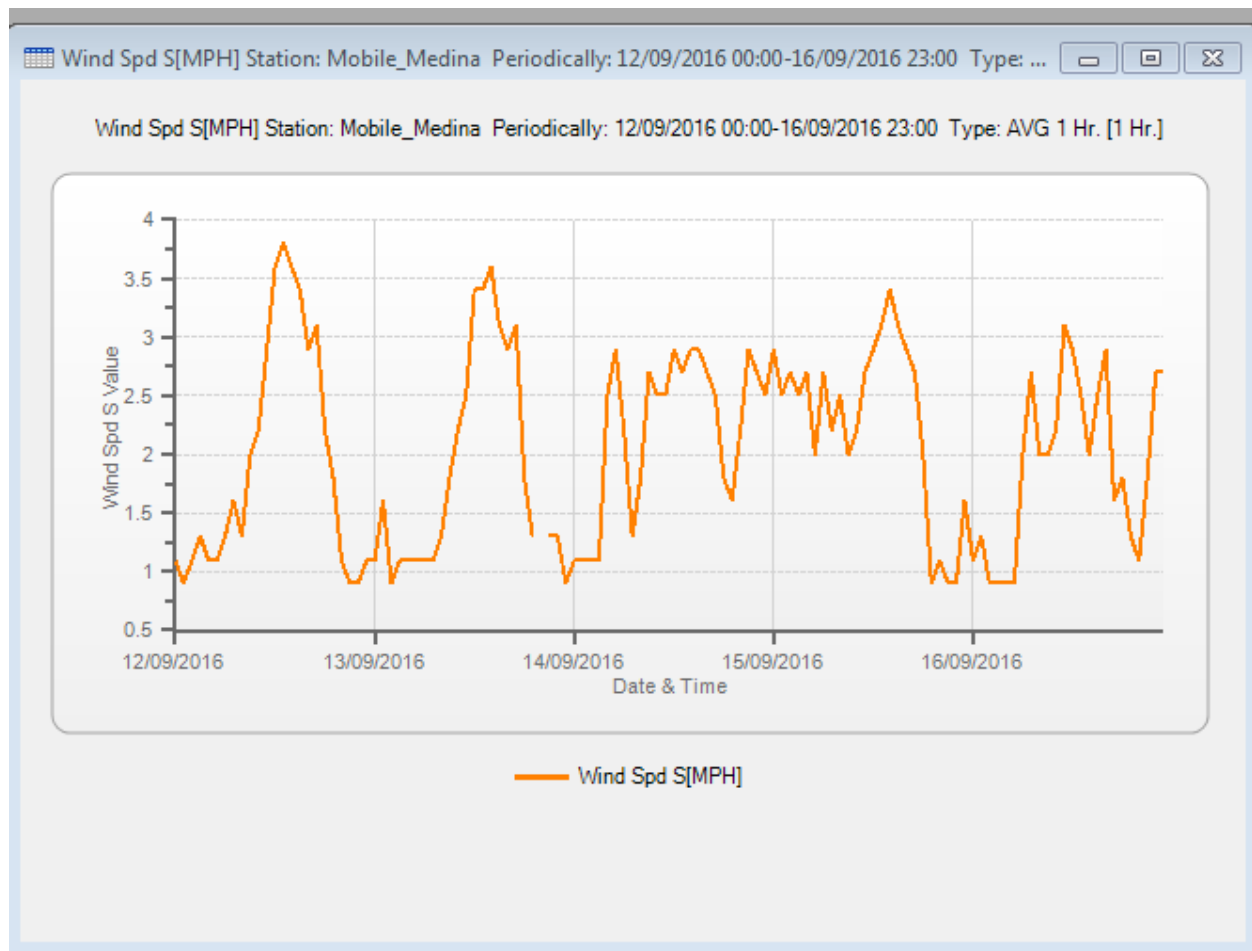


Particulate matter of 10 microns or less in aerodynamic diameter (also known as PM<sub>10</sub>) were measured using a Met One Instruments E-Sampler. PM<sub>10</sub> concentrations at the SR-520 temporary monitoring site in Medina remain at less than one third of the national ambient air quality standard for PM<sub>10</sub>. Hourly averages and wind speeds are shown in the graphs below.

<sup>1</sup> Note: The monitoring data used for this report have yet to be thoroughly reviewed for validity and are considered preliminary.



The above graphic shows 1-hour average PM<sub>10</sub> concentrations for September 12 through September 16 at the temporary SR-520 site in Medina. The minimum 1-hour PM<sub>10</sub> concentration was 29 µg/m<sup>3</sup>, recorded on September 14<sup>th</sup>. The highest 1-hour PM<sub>10</sub> concentration was 67 µg/m<sup>3</sup>, recorded on September 16<sup>th</sup>.



The above graphic shows wind speed (WS) measurements that were taken from September 12<sup>th</sup> through September 16<sup>th</sup> at the temporary SR-520 site in Medina. The minimum 1-hour average wind speed was 0.9 mph on September 12<sup>th</sup>. The highest 1-hour average wind speed of 3.8 was recorded on September 12<sup>th</sup>.